

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S124	56877	(high! or low! or level or category or rank\$3 or sever\$3 or design or potential or weighted or average or subcategory) near risk	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:10
S125	6581	S124.ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:10
S126	71655	"705"/\$.ccls.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:10
S127	3953	(risk near (assess\$4 or manage \$4)).ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:10
S128	153	S125 and S127 and S126	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:10
S129	343	((offshore (prospect or drilling or production) or well\$1bore or well bor\$3) AND (risk or uncertainty or (probab\$5 near (success or fail\$4))))).ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:10
S130	50998	(well\$1bore or drill\$3 or explor \$) near3 (oil or gas or petrol\$ or min\$3)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S131	95	risk near5 S130	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S132	7	S131 and (risk with (rank\$3 or order\$3 or scal\$3 or categor\$ or hierarch\$))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S133	24	("20010042642"   "20020138240"   "20020177955"   "20030015351"   "20040149431"   "20040256152"   "5305836"   "5312163"   "5794720"   "6269892"   "6353799"   "6785641").PN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S134	22	("20010042642"   "20020177955"   "20030015351"   "20040149431"   "20040256152"   "5305836"   "5312163"   "5794720"   "6269892"   "6353799"   "6785641").PN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S135	30	king-william-w.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S136	2	((("5696907") or ("5611052")). PN.	DERWENT	OR	OFF	2009/07/26 13:11
S137	1	WO-9113237-\$.did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S138	25	kim-pyungchul\$.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S139	12	S135 and risk	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S140	8877	risk near assess\$4	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S141	683	(risk near assess\$4).ti.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S142	71655	"705"/\$.ccls.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S143	72	(risk near assess\$4).ti. and S126	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S144	2576	(risk near assess\$4).ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S145	49	S143 and (high! or low! or level) near risk	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S146	3953	(risk near (assess\$4 or manage \$4)).ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S147	56877	(high! or low! or level or category or rank\$3 or sever\$3 or design or potential or weighted or average or subcategory) near risk	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S148	6581	S124.ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S149	153	S125 and S127 and S126	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S150	41	S128 and @pd<="20040517"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S151	22	(US-20040256152-\$ or US-20030015351-\$ or US-20040149431-\$ or US-20020177955-\$ or US-20020138240-\$ or US-20010042642-\$).did. or (US-6785641-\$ or US-6353799-\$ or US-6269892-\$ or US-5794720-\$ or US-5312163-\$ or US-5305836-\$).did. or (WO-2004090285-\$ or WO-2003042489-\$ or US-20030015351-\$ or GB-2367843-\$ or CA-2357504-\$ or US-20010042642-\$ or EP-1146200-\$ or US-6353799-\$ or US-6269892-\$ or CN-1214754-\$ or GB-2265923-\$ or US-5312163-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S152	8	(US-20030088446-\$ or US-20020099586-\$).did. or (US-6612382-\$ or US-6408953-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S153	0	S152 and S151	US-PGPUB; USPAT	ADJ	ON	2009/07/26 13:11
S154	2	wylie.in. and "20040149431".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S155	1	("7035778").PN.	DERWENT	OR	OFF	2009/07/26 13:11
S156	0	S155 and risk	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S157	6558	(offshore (prospect or drilling or production) or well\$1bore or well bor\$3) AND (risk or uncertainty or (probab\$5 near (success or fail\$4)))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S158	343	((offshore (prospect or drilling or production) or well\$1bore or well bor\$3) AND (risk or uncertainty or (probab\$5 near (success or fail\$4))))).ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S159	1	"10802613".rlan. or ("10".src. and "802613".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/26 13:11
S160	1	"10802524".rlan. or ("10".src. and "802524".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/26 13:11
S161	2	"7085696".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S162	2	"7261167".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S163	2	"7032689".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S164	6	S161 or S162 or S163	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S165	179	("20020120401"   "20030015351"   "20030187582"   "3593807"   "3660649"   "3752966"   "3761701"   "3971449"   "3972966"   "4056153"   "4064749"   "4096385"   "4195699"   "4354233"   "4407017"   "4479176"   "4617825"   "4627276"   "4646240"   "4685329"   "4694686"   "4718011"   "4793421"   "4794534"   "4794535"   "4845628"   "4852399"   "4875530"   "4876886"   "4903527"   "4914591"   "4916616"   "4926686"   "4926950"   "4928521"   "4981037"   "5010789"   "5012674"   "5042596"   "5205164"   "5216612"   "5216917"   "5239467"   "5251286"   "5282384"   "5305836"   "5318136"   "5334833"   "5369570"   "5415030"   "5416697"   "5442950"   "5449047"   "5458207"   "5461562"   "5474142"   "5539704"   "5608162"   "5660239"   "5704436"   "5767399"   "5794720"   "5845258"   "5963910"   "5965810"   "6021859"   "6026912"   "6044327"   "6052649"   "6109368"   "6155357"   "6169967"   "6233498"   "6276465"   "6349595"   "6374926"   "6389360"   "6408953"   "6409368"   "6424919"   "6516293"   "6612382"   "6785641"   "6879947") .PN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S166	201	("1209299"   "1263802"   "1394769"   "20020120401"   "20040059554"   "3593807"   "3660649"   "3742966"   "3752966"   "3761701"   "3971449"   "4056153"   "4064749"   "4096385"   "4195699"   "4354233"   "4407017"   "4479176"   "4617825"   "4627276"   "4646240"   "4685329"   "4694686"   "4718011"   "4793421"   "4794535"   "4845628"   "4852399"   "4875530"   "4876886"   "4903527"   "4914591"   "4916616"   "4926686"   "4926950"   "4928521"   "4981037"   "5010789"   "5012674"   "5042596"   "5205164"   "5216612"   "5216917"   "5239467"   "5251286"   "5282384"   "5305836"   "5318136"   "5330016"   "5334833"   "5369570"   "5415030"   "5416697"   "5449047"   "5458207"   "5461562"   "5474142"   "5539704"   "5608162"   "5660239"   "5704436"   "5767399"   "5794720"   "5845258"   "5963910"   "5965810"   "6021859"   "6026912"   "6044327"   "6052649"   "6109368"   "6131673"   "6155357"   "6169967"   "6233498"   "6276465"   "6349595"   "6374926"   "6389360"   "6408953"   "6516293"   "6612382"   "6785641"   "6879947"   "7003439"   "7032689"   "7035778"   "7085696").PN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S167	132	175/39.ccls.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S168	143	("1209299"   "1263802"   "1394769"   "20040000430"   "20040059554"   "3660649"   "3752966"   "3761701"   "4056153"   "4096385"   "4195699"   "4479176"   "4617825"   "4646240"   "4718011"   "4794534"   "4794535"   "4852399"   "4876886"   "4903527"   "4906385"   "4916616"   "4926950"   "4928521"   "5042596"   "5205164"   "5216612"   "5239467"   "5251286"   "5318136"   "5330016"   "5334833"   "5369570"   "5415030"   "5416697"   "5461562"   "5474142"   "5539704"   "5608162"   "5660239"   "5794720"   "5845258"   "5963910"   "6026912"   "6044327"   "6052649"   "6109368"   "6131673"   "6155357"   "6169967"   "6233498"   "6276465"   "6349595"   "6374926"   "6389360"   "6408953"   "6424919"   "6516293"   "6612382"   "6785641"   "6879947").PN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S169	217	S165 or S166 or S168	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S170	13	((DAAN) near2 (VEENINGEN)). INV.	US-PGPUB; USPAT	ADJ	ON	2009/07/26 13:11
S171	11	((KRIS) near2 (GIVENS)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/07/26 13:11
S172	858	166/382.ccls.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S173	13	S170 or S171	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S174	0	S172 and S167	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S175	50998	(well\$1bore or drill\$3 or explor \$) near3 (oil or gas or petrol\$ or min\$3)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S176	378	risk near2 rank\$3	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S177	568	risk same S130	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S178	193	risk with S130	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S179	95	risk near5 S130	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S180	7	S131 and (risk with (rank\$3 or order\$3 or scal\$3 or categor\$ or hierarch\$))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S181	37895	(risk with (rank\$3 or order\$3 or scal\$3 or categor\$ or hierarch \$))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S182	3514	S120.ti,ab,clm.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S183	204	S120.ti.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S184	110	S121 and (@pd<="20040317" or @ad<="20040317" or @rlad<="20040317")	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S185	0	(10/716067).APP.	USPAT; USOCR	ADJ	ON	2009/07/26 13:11
S186	0	S122 and S130	USPAT; USOCR	ADJ	ON	2009/07/26 13:11
S187	166399	(high! or low! or level or category or rank\$3 or sever\$3 or design or potential or weighted or average or subcategory) with risk	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S188	1794	S123 and S182	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S189	1084	S123 and S182 and (@pd<="20040317" or @ad<="20040317" or @rlad<="20040317")	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S190	65	S123 and S122	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S191	40	700/36.cor.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S192	2131	S123 same (hierarch\$ or sub \$1categor\$ or breakdown or drill adj down)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S193	619	S192 and S120	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S194	401	S193 and (@pd<="20040317" or @ad<="20040317" or @rlad<="20040317")	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S195	82	S192 and S182 and (@pd<="20040317" or @ad<="20040317" or @rlad<="20040317")	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S196	45	S195 and (average or mean)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S197	45	(risk or uncertainty or hazard) and S196	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S198	2	"6109368".pn.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S199	47	("6109368").URPN.	USPAT	ADJ	ON	2009/07/26 13:11
S200	47	(US-20030023470-\$ or US- 20030088446-\$ or US- 20030125997-\$ or US- 20020099586-\$ or US- 20040149431-\$ or US- 20050209866-\$ or US- 20050228905-\$ or US- 20050209836-\$ or US- 20050209912-\$ or US- 20080262886-\$ or US- 20070199721-\$ or US- 20050211468-\$ or US- 20050108178-\$ or US- 20080215388-\$ or US- 20060287888-\$ or US- 20050192963-\$ or US- 20050125259-\$ or US- 20050060213-\$ or US- 20050021360-\$ or US- 20040210500-\$ or US- 20040044617-\$ or US- 20030149657-\$ or US- 20030120576-\$ or US- 20020147676-\$).did. or (US- 7032689-\$ or US-6408953-\$ or US-6612382-\$ or US-7006992-\$ or US-7261167-\$ or US- 7085696-\$ or US-7258175-\$ or US-7191064-\$ or US-7305351-\$ or US-6223143-\$ or US- 6109368-\$ or US-7357196-\$ or US-7243735-\$ or US-7172037-\$ or US-7003439-\$).did. or (WO- 2003042489-\$ or US- 20030187582-\$ or US- 20040182606-\$ or US- 20040000430-\$ or US- 20030015351-\$ or US- 20050228905-\$ or US- 20050209866-\$ or WO- 2004023266-\$ or CA-2413573- \$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11



S201	23	severity and S200	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S202	47	(US-20030023470-\$ or US-20030088446-\$ or US-20030125997-\$ or US-20020099586-\$ or US-20040149431-\$ or US-20050209866-\$ or US-20050228905-\$ or US-20050209836-\$ or US-20050209912-\$ or US-20080262886-\$ or US-20070199721-\$ or US-20050211468-\$ or US-20050108178-\$ or US-20080215388-\$ or US-20060287888-\$ or US-20050192963-\$ or US-20050125259-\$ or US-20050060213-\$ or US-20050021360-\$ or US-20040210500-\$ or US-20040044617-\$ or US-20030149657-\$ or US-20030120576-\$ or US-20020147676-\$).did. or (US-7032689-\$ or US-6408953-\$ or US-6612382-\$ or US-7006992-\$ or US-7261167-\$ or US-7085696-\$ or US-7258175-\$ or US-7191064-\$ or US-7305351-\$ or US-6223143-\$ or US-6109368-\$ or US-7357196-\$ or US-7243735-\$ or US-7172037-\$ or US-7003439-\$).did. or (WO-2003042489-\$ or US-20030187582-\$ or US-20040182606-\$ or US-20040000430-\$ or US-20030015351-\$ or US-20050228905-\$ or US-20050209866-\$ or WO-2004023266-\$ or CA-2413573-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S203	15	rank and S202	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S204	30	(risk with (medium or average or high or low)) and S202	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S205	26	(risk near2 (medium or average or high or low)) and S202	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S206	30	(risk with (medium or average or high or low)) and S202	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S207	24	(US-20040149431-\$ or US-20040256152-\$ or US-20010042642-\$ or US-20020138240-\$ or US-20020177955-\$ or US-20030015351-\$).did. or (US-6785641-\$ or US-5305836-\$ or US-5312163-\$ or US-5794720-\$ or US-6269892-\$ or US-6353799-\$).did. or (US-6353799-\$ or EP-1146200-\$ or WO-2004090285-\$ or US-5312163-\$ or GB-2367843-\$ or US-20030015351-\$ or WO-2003042489-\$ or US-20010042642-\$ or CA-2357504-\$ or GB-2265923-\$ or CN-1214754-\$ or US-6269892-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S208	30	(US-20050060213-\$ or US-20030125997-\$ or US-20050192963-\$ or US-20050125259-\$ or US-20080215388-\$ or US-20060287888-\$ or US-20020147676-\$ or US-20050021360-\$ or US-20040044617-\$ or US-20030088446-\$ or US-20020099586-\$ or US-20050108178-\$ or US-20040210500-\$ or US-20030149657-\$).did. or (US-7032689-\$ or US-6109368-\$ or US-6223143-\$ or US-7006992-\$ or US-7003439-\$ or US-6408953-\$ or US-6612382-\$ or US-7261167-\$ or US-7085696-\$ or US-7191064-\$ or US-7357196-\$ or US-7243735-\$).did. or (US-20030187582-\$ or US-20040182606-\$ or US-20040000430-\$ or US-20030015351-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S209	29	S208 not S207	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S210	1	S208 and S207	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S211	131	fassihi	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11
S212	5	fassihi with risk	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/07/26 13:11

S218	6	("20040002929"   "5611052"   "5696907").PN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/08 19:12
S219	2820	"union oil".as.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/08 19:57
S220	24	"union oil".as. and mueller.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/08 19:57
S221	10	("5660239").URPN.	USPAT	ADJ	ON	2009/09/08 19:59
S222	51582	(well\$1bore or drill\$3 or explor \$) near3 (oil or gas or petrol\$ or min\$3)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/08 20:02
S225	906	S222 and ((risk or uncertain\$2 or failure or friction factor) with (rank\$3 or order\$3 or scal\$3 or categor\$ or hierarch\$))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/08 20:08
S226	145	S222.ti,ab,clm. and ((risk or uncertain\$2 or failure or friction factor) with (rank\$3 or order\$3 or scal\$3 or categor\$ or hierarch \$))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/09/08 20:08

10/ 28/ 2009 1:36:58 PM

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(Schlumberger) bor drilling risk economic assessment display.wsp